

**STANDARDS PRESENTATION  
TO  
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD**

Attachment No. 1

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PROPOSED STATE STANDARD,  
TITLE 8, CHAPTER 4

Amend Section 4954 as follows:

**Section 4954. General Operating Requirements.**

- (a) When required by certified agent's instructions, outriggers shall be set so that wheels or crawler tracks within the boundary of the outriggers shall be relieved of all weight by the outrigger jacks or blocking.
- (b) Telescopic booms that have an indicator shall show the boom length from minimum to maximum and be visible to the operator from the operator's position at the controls.
- (c) A boom hoist disconnect shut-off or hydraulic relief shall be provided to automatically stop the boom hoist when the boom reaches a predetermined high angle.
- (d) At least one of the following stops shall be provided to resist the boom falling backwards:
  - (1) A fixed or telescoping bumper.
  - (2) A shock absorbing bumper.
  - (3) Hydraulic boom elevation cylinder(s).
- (e) A load rating chart and/or label(s) shall be located on the crane to be available to the operator from the operator's position at the control stand. It shall include the applicable portions of Section 4923 and the maximum loads permitted during actual boom telescoping operation.
- (f) The employer shall delineate the areas of operation at the worksite where there is a hazard of contact with moving and/or rotating parts of cranes or boom-type excavators.
  - (1) The employer shall instruct employees regarding such hazards in accordance with Section 3203 of these Orders and Section 1509 of the Construction Safety Orders.
  - (2) Persons other than the equipment operator shall be prohibited from entering the delineated areas during operation of the equipment without permission from the operator.